GASTROENTEROLOGY

PAPER- I

Time : 3 hours
Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks.

Write short notes on:

1. Structural anatomy of the human pancreas with special reference to its embryology and developmental anomalies.

2. Pathophysiology of acid secretion and hyper-secretory states.

3. Role of gastro-intestinal peptides in obesity.

4. Structure and function of hepatic Stellate cell and its role in portal hypertension.

5. Relations of liver disease with lipid abnormalities.

6. Metabolism of alcohol in stomach and liver.

7. Genome of hepatitis B virus with a note on different mutations and their significance.


10. Anatomy and clinical significance of gastric Dieulofoy’s lesion.

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GASTROENTEROLOGY

PAPER- II

Time : 3 hours
Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks.

Write short notes on:

1. Pathophysiology, diagnosis and management of diverticular disease of colon. 10
2. Diagnosis and management of "Pouchitis" in patients with inflammatory bowel disease. 10
3. Hepatic Sinusoidal obstruction with reference to etiology, clinical features and severity criteria. 10
4. Pathogenesis and clinical significance of gall stones. 10
5. Diagnosis and management options of adenocarcinoma in Barrett's esophagus. 10
6. a. Define protein losing enteropathy and enumerate common causes. 5+5
   b. Investigative approach for patient with protein losing enteropathy.
7. a. Define Potential Celiac disease. 2+8
   b. Diagnostic criteria and natural history of Potential Celiac disease.
8. a. Diagnosis of functional dyspepsia. 2+8
9. Idiopathic adult ductopenia: Clinical and histopathological features. 10
10. Indications and results of infliximab therapy in patient with ulcerative colitis. 10

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POSSESSION/USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL
GASTROENTEROLOGY
PAPER- III

Time : 3 hours
Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks.

Write short notes on:

1. Role of mTOR inhibitors in the treatment of acute rejection following orthotopic liver transplantation.

2. Occult GI bleed: Definition, diagnosis and management.


4. Clinical profile, diagnosis and management of autoimmune pancreatitis.

5. Role of EUS in staging and management of esophageal carcinoma.

   b. Drug treatment and outcome of HRS.


8. Therapeutic options and results of CBD stricture in patients with chronic pancreatitis.


10. Treatment options and results of therapy for organized pancreatic necrosis.